App. F. IX-4

1926 5-6-27 (Sanitary)

File No. 48-25

Previous References
San. 51-24(10,12,14)
San-55-23(1,5-7).

Serial Nos. 1, 6, 8, 10, 15 & 16,

pre service

Later References
Sacy 63-26(1 to 5)

p.42(E)

General and Revenue Secretariat.

V

Serial Nos. (Sein.)

Part B for December 1926.

SUBJECT

Report on the working of the Vaccine Institute for the Calendar year 1925

Sl. 16) To the Secretary to the Govt of Bengal, Calcutta.
" Director of Public Health in Bengal.-do-
" Librarian, Secretarial Library Ft. St. George, Madras.
" Secretary to Govt of H.E.H. the Nizam of Hyderabad, (Deccan)
" Chief Comm'r, Central Provinces, Nagpur.
" Dewan of Cochin Ernaculam.
" Dewan of Pudukkottai.
" Dewan of Baroda.
" Chief officer in charge of the Imperial Library Calcutta.
" Officer in charge of the Army Medical Library, 7th & B streets S.W. Washington, D.C. U.S.A.

Forwards copy of the above report

T.V. Krishnamurthy
5/1/27

WD 01264—GPB—10,000—17-12-25

General and Revenue Secretariat

Sanitary File No. 48 of 1925

Serial No.

1 From the Director P.H. Institute
no. 1104 & 3/10. 4. 1926.
Forwards a report on the working of the vaccine Institute for the calendar year 1925.
Subd. This report has to be worked up & reviewed along with the report on vaccination for the state for the same period due from the Sanitary Commissioner on 1. 5. 1926. The receipt of the same will be awaited if approved. This report has to be submitted in triplicate draft dated for the 3rd copy is submd.
2. This report may be submd to the second member for perusal.

17/5/26

3) For perusal

Sd/ Member.

4) 23/5/26

5) Submitted for perusal. Draft reviews issued be put up after the receipt of the file. A draft forwarding the report to the Press is also

29/5/26 attached

6) Sec. + resubmit 31/5

NOTE—Contn. Sheet

5788

(2

WD 01264—GPB—40,000 -17-12-25

General and Revenue Secretariat

San File No. 48 of 192 5

Serial No 8

To The Superintendent
Govt. Printing
No 9 10046 dt 3.6.1926
Sends a copy of each of the reports on (1) Vaccination and (2) the working of the Vaccine Institute during 1925 and requests that the same may be set in type and 250 copies printed and kept ready for being bound with the Govt. review

To The Sanitary Commr
No 9 10047 dt 3.6.1926
Forwards a copy of the above

Flag L

7/ A draft review on the lines of this review for the previous year is submitted. In regard to ~~the~~ ~~ref~~ para 8 of the report on vaccination (Ref 14/6/26) it is submitted that the draft rules for the working of vaccination in rural areas has been moved to be taken up for consideration after the passing of the Local Boards & Village Panchayats Regulations and the extension of the regulation to the rural areas is awaiting the issue of the rules.

JMK 14626

8/ Please put up typed copies of the draft
MO 14/6

9/ Typed draft Subd
C.S. 18/6/26

10/ Please make typed copy as corrected
MO 19/6

NOTE—Contn. Sheet

5782

WD 01264—GPB—40,000—17-12-25

[App. F. III—2(3

General and Revenue Secretariat | San File No. 48 of 1925.

Serial No.

DEWAN'S OFFICE.
Received on
12. AUG. 1926
Reg. No. 1156

1667
10/8

1) A revised typed draft is sub'd
RR
8/7/26
mgk
9/7/26

2) Draft letter sub'd for consideration
mw
9/8

Secy.
Spirit Manufacture
Dewan
RR
9/8
mw
9/8
RR
11/8
mw
11/8

3) Hon'ble
12/8

RR

4) Hon'ble Deputy Dept of Hlth
mw
12/8

10 To The Sanitary Commissioner
The Dep. & Asst
The Presidents & Mr. Boards
The President etc Municipal Magrs
The Municipal Commr Blore etc
The President V.C.G. Sanns Board.
Mw G 1881-1900 dt 18.8.1926

Reviews the Report on the working & Vaccination and & the Vaccine Institute during the Calander year 1925.

NOTE—Contn. Sheet

5788

WD 01264—GPB—40,000 -17-1

General and Revenue Secretariat

Sam File No C8 of 192[illegible].

Serial No

6) D.7. r. 4D S.R. Subs—
8/8
19.8.26.

Hon'ble Member 19/8 20/8

Dewan 17) Final Note Signed by the Member is put up

C.S. 21/8

18) D.S.R. appd by the member is in the file. It may be sent across, and sent for signature.

RR 21/8

2114 20/8

Hon'ble Member 21/8 Dewan RR 21/8.

W.K. No 206

(5

Final Note by the First Member of Council.

Subject:— 19) Government Order reviewing the Report on Vaccination and the working of the Vaccine Institute for the Calendar -- year 1925.

I submit herewith for His Highness's gracious perusal the Government Order reviewing the Report on Vaccination in the State and the working of the Vaccine Institute, Bangalore, for the calendar year 1925.

Member of Council.

Bangalore,
21st Aug. 1926

(6

Submitted to His Highness

I submit herewith for His Highness' gracious perusal a Final Note by the First Member of Council on the subject of the Government Order reviewing the report on Vaccination and the working of the Vaccine Institute, Bangalore, for the calendar year 1925.

K. Chandy.

Bangalore,
24th August 1926.

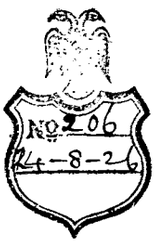
DEWAN (in charge).

S.N.

(7

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.



Review of the reports on Vaccination and the working of the Vaccine Institute for the year 1925.

212

Order.

21/ ~~KRW~~

26/8/26

C. Secy

Mr

26.8.26

2394
28/8

1st Member

21/ DE 28/8 DR

Secy Council

DR 31/8

31/8. 31/8

Press 31/8/26

5788/26

WD 01229—GPB—37,500—1-9-26

General and Revenue Secretariat

File No 48 of 1925.

Serial No.	
	Subd The minted copies of the report have been received. The two drafts distributing the copies among the Residency & foreign posts are put up Jay 27/11/26 Issue 29/11 Issue 29/11/26
15	To the Lt Col Hamilton Resident in Nepal No 787. 572 G. 8.12.26. Forwards 3 copies of the report
16	To the Heads of Post of Captain Br. Indian Persian etc No G. 622-26-38 G. 8.12.26 Forwards a copy of the report

B
Jay 8/12/26
8/12/26

42904 [illegible] Gm 495 9

No. Office of the Director Public Health Institute and

Chemical Examiner to Government,

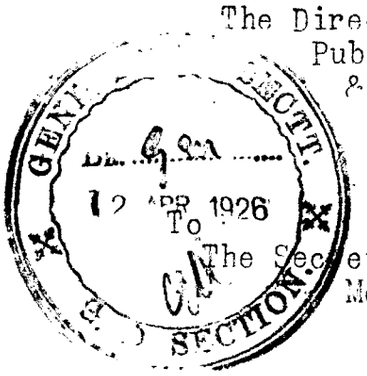
Bangalore, dated, 3rd April 1926.

10.

San 48-25-1

From

The Director,
Public Health Institute,
& Chemical Examiner to Government,
Bangalore.



To

The Secretary to Government,
Medical and Agricultural departments,
Bangalore.

Sir,

I have the honor to forward herewith in duplicate the Annual reports on the working of the Chemical Examiner's office, Public Health Institute and Government Vaccine Institute for the calendar year 1925.

I have the honor to be,

Sir,

Your most Obedient servant,

Director
Public Health Institute &
Chemical Examiner to Government.

REPORT ON THE WORKING OF THE MYSORE GOVERNMENT VACCINE INSTITUTE FOR THE YEAR 1925.

----ooUoo----

1. SUPPLY OF CALVES.

Calves required for the Institute during the year were, as usual supplied by an approved contractor. 19 calves remained at the close of the year 1924 and 291 calves were purchased during the year under report making a total of 310 calves against 322 in the year previous.

The gross cost of calves purchased during the year was Rs. 2561-8-0 against Rs. 3582-0-0 during the previous year. The net cost of calves purchased was Rs. 2955-8-0 or an average of Rs. 9-8-6 against Rs. 2990-0-0 or an average of Rs. 9-9-4 during the year previous.

2. VACCINATION OF CALVES.

294 calves were vaccinated during the year under report against 307 calves during the year previous. Of the calves vaccinated 20 had to be rejected before Bacteriological examination on account of the unhealthy vesicles and two after Bacteriological examination and 2 on account of failures against 27, 11 & 3 respectively during the year previous.

Condition of the

The remaining 270 calves yielded 29,873 grains of pulp reserved (including 2913 grains of pulp reserved for stock) equivalent to 2,98,730 against 29,020 grains of pulp (including 2715 grains of pulp reserved for stock) equivalent to 2,90,200 cases during the year previous. The average yield per calf vaccinated was 101.61 grains of pulp (equivalent of 1016.1 cases) against 94.56 grains of pulp (equivalent of 945.6 cases) in the year previous. The dose per case remained 3/5 grain as in the

the year previous.

3. HEALTH OF CALVES.

This was on the whole satisfactory during the year. During February there were 7 cases of imported Foot & Mounth desease. All were promptly ~~regulated~~ Segregated and other usual measures, to prevent its spread amongst the healthy calves, were taken. There were neither other cases of severe illness nor deaths amongst the calves in the Institute.

4. FEEDING OF CALVES.

The expenditure under feeding amounted to Rs. 726-1-0 or an average of Rs.2-5-5.7 against Rs. 794-10-0 or an average of Rs. 2-9-0.2 per calf during the year previous.

5. SALE OF CALVES.

The amount realised by the sale of calves during the year was Rs. 606-0-0 or an average of Rs. 2-0-0 against Rs. 592-0-0 or an average of Rs. 2-0-0 perr calf during the year previous.

6. ISSUE OF VACCINE.

The issue of vaccine from the Institute was, as usual, Lanoline Vaccine. The quantity issued during the year as detailed below was enough for 2,28,679 cases including 42,205 cases issued to outside the state as against 2,10,400 cases including 45,600 cases issued to outside the state during the year previous.

STATEMENT No. I.

District.	Thana.	1925	1924	Increase.
Burdwan.	Vaccinators	29475	28994	
Kurnool.	Medical officers and Subordinates.	1743	2029	
Vizag.	Vaccinators.	37518	37180	
Salem.	Medical and officers and Subordinates.	1610	1740	
Tanjore.	Vaccinators.	22925	21505	
Bijapur.	Medical officers and Subordinates.	1401	1114	
Hissar.	Vaccinators.	14115	11611	
Hissar.	Medical officers and Subordinates.	587	509	
Hissar.	Vaccinators.	17452	17220	
Hissar.	Medical officers and Subordinates.	625	805	
Hissar.	Vaccinators.	17407	17505	
Hissar.	Medical officers and Subordinates.	548	509	
Chittagong.	Vaccinators.	15119	14104	
Dacca.	Medical officers and Subordinates.	1020	855	
Dacca.	Sub-Registration.	42265	42650	
TOTAL.		2,22,979	2,10,402	

R E S U L T S.

The results of vaccination performed with the paste issued from the Institute as compared with that of last year are as follows:-

Statement No. 2.

Particulars.	Average successful primary cases during 1925.	Average Successful primary cases during 1924.	Remarks.
In the State.			Results from 5 districts were not received up to date of submission of this report.
Vaccinators & Medical officers & Subordinates.	92.43	90.99	
Out-stations.	93.77	96.24	

The details of the results of the several Districts are tabulated below:-

Statement No. 2.

Districts.	No. of cases vaccinated primary.	No. of cases unknown primary.	No. of cases successful primary.	Percentage primary
Vaccinators Bangalore.	[illegible]	642	19604	99.51
" Mysore	Not received		Not r e c e i v e d.	
" Kolar.	19647	704	19014	99.89
" Tumkur.	19410	1633	15550	93.01
" Shimoga.	N o t r e c e i v e d.			
" Hassan.	19503	266	11242	97.61
" Kadur.	N o t r e c e i v e d.			
" Chitaldroog.	N o t r e c e i v e d.			
Health Officer Bangalore City.	5150	153	4785	93.805.75
" Mysore City.	5370	358	4564	91.54
" K.G.F.	4070	224	3368	87.8

The medical officers in charge of taluks have returned the following results:—

Statement No. 4

Districts.	No. of cases vaccinated Primary.	No. of cases unknown primary.	No. of cases successful primary.	Percentage primary.
Bangalore.	578	40	502	93.31
Mysore.	981	81	734	81.56
Kolar.	775	90	625	91.24
Tumkur.	723	59	599	90.21
Shimoga.	130	3	115	90.55
Hassan.	287	22	218	82.26
Kadur.	118	11	89	83.17
Chitaldroog.	668	59	603	99.01
Medical officer Central Jail. B'lore.	28	..	28	100%
" " " Mysore.	32	..	26	84.37
Asst. Surgeon. C.P.S. Dispensary Sivasamudram.	98	..	98	100%
Medical officer Krishnarajapura works.	167	1	152	91.57
Supdt. of vaccination. Chamarajanagar.	224	15	209	93.75

OUT STATIONS. Statement. 5.

Name and Place.	No. of cases vaccinated primary.	No. of cases unknown primary.	No. of cases successful primary.	Percentage primary.
The chief Sanitary officer Ernakulam.	21402	217	20365	94.16
Chairman Municipal Council Vettencherry.	1804	69	1661	95.72
" " Chittur Cochin.	1755	44	1394	81.47
" " Trichur.	1685	171	1471	97.48

Income-And Expenditure.

The following statement shows the income and expenditure for 1925 as compared with that of the year previous.

Statement. 6.

Items.	Income. 1925	Income. 1924	Items	Expenditure. 1925	Expenditure. 1924.
Sale of inoculated calves.	606- 0-0	592-0-0	Salaries.	3620-0-0	3450-0-0
Sale of Manure Etc.			Establishment	2038-12-0	2244-4-8
Within the State.	4254-[illegible] 10	4258-2-9	cost of calves.	2561-8-0	3582-0-0
Out stations.	4564- 4- 0	4629-2-0	Feeding of calves.	726-1-0	794-10-0
Amount out of outstandings at the close of the year within the State.			Other charges & contingencies.	2056-0-2	2078-0-5
1406-12-7					
Out station 12-0-0					
	11422-12-7	10176-0-3			
Total.	20047-4-5	19655-6-0			
Deduct Expenditure.	12907-14-2	12149-8-1			
Net income	7099-6-3	7505-13-11			

12,149-8-1

In spite of the small increase under establishment during the year under report, consequent in the revision, of establishment of this Institute as per G.O. No. L. 2202-7 San. 44-24-7 dated 15/17 th October 1925, the net income was Rs.7099-6-3 against Rs. 7505-13-11.

But a sum of Rs.11,422-12-7 on account of supplies during the current year remains uncollected against Rs.10,176-0-3 during the year previous.

Besides this a sum of Rs. 20043-5-7 as per information available from the books of this office remains yet to be adjusted for supplies in previous years making a total of Rs.31,466-2-2 to be adjusted up to 31-12-1925.

It is possible that in some cases the dues may ~~be~~ have been credited to the treasury but no advice sent to this office. With a view to avoid such irregularities a special ~~special~~ reference was made to systematize procedure in payments by the local bodies for supplies, Government have been pleased to issue a G.O.No.L.5187-210 San.19-25-2 dated 19th January 1926 and it is anticipated that in the next year's report at least there will be a more satisfactory record under ~~this~~ this head.

A separate reference on the delay in adjustment of the dues by the several local bodies has been made for favour of necessary action.

The cost of lymph issued during the year worked out to be 11.99 pies per case against 10.62 pies per case during the year previous, The slight rise being due to increased charges consequent to the ~~re-~~ reorganisation of the establishment as pointed in para 10

Statement.

(Please see next page.)

(8) Statement No VII

Statement Showing the Demands Collection & balance for the Vaccine Institute Supplies from the Government Vaccine Institute, Bangalore upto 31.12.1925.

Demands			Collections			Balance			Remarks.
Balance of Previous Years. upto 31.12.24	Of Current Year upto 31.12.25	Total demand upto 31.12.25	Of previous Years	Of current Year	Total	out-g Previous Year demands	out-g current year demands	Total	
515 3 9	20341 4 5	41956 8 2	1571 14 2	8918 6 10	10490 5 -	20043 5 7	11422 13 7	31466 3 2	

TRAINING IN VACCINATION.

20 candidates for the vaccinator's appointments were trained during the year against 22 during the year previous. All of them were granted qualifying certificates.

Besides the vaccinators 10 pupil compounders and 7 Sanitary Inspectors were trained in vaccination as per respective Government orders against 12 and 10 respectively during the year previous.

The usual course of demonstrations in vaccination for the final year students of the L.M.P. section of the local Medical College was also held during the year.

10. STAFF.

During the year under report the undersigned continued to be in charge of the Institute throughout the year except for about 2 weeks, when he was away on privilege leave and Dasara holidays from 15-9-25 to 5-10-1925 and Mr. B. Parthasarathy Iyengar the then Sub. Asst. Surgeon doing duty was in charge of my duty as well.

The Sub. Asst. Surgeon doing duty here, who was partly working here and partly in the Public Health Institute was relieved of his duties here on 10-10-1925 for full time duty in the Public Health Institute.

The establishment was reorganised with effect from 15-10-1925 as per G.O.No.L.2666-75an.44-24-7 dated 15/17th October 1925.

11. BACTERIOLOGICAL ~~SECTION~~ Examination.

During the year 214 samples were examined 400 times and 12 samples were rejected on the following grounds:-

SPORE-BEARING AEROBES 2

12. GENERAL REMARKS.

No difficulty was felt in meeting the hot weather demands during this year as well.

As usual, transmission of results of vaccinations

Vaccinations performed from paste supplied during this year by the several vaccinating officers, in spite of reminders, has been delayed this year also. Submission of this report has also to be delayed consequently.

Although the due date on which the statements requisitioned was 5-1-1926, the Presidents District Boards of Bangalore, Mysore, & Shimoga, Kadur and Chitaldroog and District Medical Officer Bangalore have not yet sent in. To avoid further delay this report has had to be submitted omitting their results.

This is probably the only Institute that supplies Ianoline Vaccine at present. The desirability of issuing Glycerine Vaccine from this Institute as well may have to be considered in the near future. But before Glycerine paste can be issued, several Physiological Bacteriological experiments for adopting it to local conditions are necessary, to ~~effect~~ facilitate, which, improvements and additions to staff, Building and equipment, available at present, are essential. It is therefore respectfully urged that funds for the same may be made available as early as possible.

Bangalore. Dated 31st March 1926

Sd/ J.A.Ismarapurthi,
Superintendent
Govt. Vaccine Institute.

Director
Public Health Institute

Rm 5788

No. per 16
Enc. Reports in duplicate
& Statements in duplicate

4981-2

OFFICE OF THE SANITARY COMMISSIONER
WITH THE GOVERNMENT OF MYSORE,

Bangalore, dated....22nd May....1926.

From B. MAHOMED USMON, ESQ., L.M. & S.,
Sanitary Commissioner with the
Government of Mysore,
BANGALORE.

San. 48-25-6

To

RANGA RAO, ESQ., B.A., B.L.,
Secretary to Government,
Medical & Agricultural Departments,
Bangalore.

GENL. & REV. BR.
Bs. Rm
28 MAY 1926
G. D. SE

I have the honor to submit herewith in triplicate the annual report on Vaccination in Mysore for the calendar year 1925, together with the connected statements in duplicate.

I have the honor to be,
Sir,
Your most obedient servant,

S. Shivaram Rao
PERSONAL ASSISTANT,
FOR SANITARY COMMISSIONER M.G.

P.C.Raju.

REPORT ON VACCINATION IN MYSORE FOR THE CALENDAR YEAR 1925.

ADMINISTRATION.

As in the previous years, the control over the Vaccination Department in districts continued to be exercised by the Presidents of District Boards under the advice of the Sanitary Commissioner.

ESTABLISHMENT.

2. The staff during the year consisted of 168 vaccinators against 163 in the previous year. One vaccinator was employed for the Sringeri Jaghir. One retired vaccinator licensed under the Compulsory Regulation permitted to vaccinate in the Bangalore City and an additional ex-officio appointment of vaccinator was made on the Kolar Gold Fields. The Municipalities of Tiptur and Nanjangud have each employed a Vaccinator and their work is shown separately this year in Statement I attached.

GENERAL OPERATIONS.

3. The number of operations performed during the year totalled 1,71,322 as compared with 1,53,720 in 1924, showing an increase of 17,602. Out of the total number vaccinated 1,45,689 were primary and 25,633 re-vaccinations against 1,35,101 and 18,619 respectively in the previous year. Of the total vaccinations, 73.08 percent was performed by the district and malnad improvement vaccinatôon staff, 23.98 percent by the special staff of vaccinators in Municipalities and 2.94 percent by the Medical subordinates in charge of Dispensaries.

The number of and percentage of successful cases in which results were known were 1,24,497 and ~~90.61~~ 83.84 respectively against 1,14,749 and 91.99 in the previous

year in the case of primary vaccinations; and ~~10,060~~ 10902 and 48.53 against 6,682 and 41.95 respectively in 1924, in the case of re-vaccinations.

During the year, the number of primary vaccinations exceeded the decennial average (1,15,868) by 29,891.

DISTRICT VACCINATION.

4. The number of vaccinations performed in the rural areas in districts aggregated to 1,25,213 as compared with 1,11,116 in the year 1924. All the districts except Bangalore and Mysore showed an increase, the largest (plus ~~9,550~~ 9549) being recorded for Tumkur district. The decline of district vaccinations in the two districts named is attributed to the prevalence of plague and fevers.

The percentage of successful cases tototal number of vaccinated was 90.28 under primary and 21.10 under re-vaccinations against 92.12 and 22.77 in the proceding year.

The average number of cases vaccinated by each vaccinator was 914 as compared with 810 in the year previous.

VACCINATION IN MUNICIPAL AREAS.

6. During the year under report the operations performed in Municipalities where special vaccinators are employed numbered 40,803 of which 20,649 were primary and 20,154 re-vaccinations against 37,036, 21,533 and 15,503 respectively in 1924. The percentage of successful cases excluding un-known was 86.98 under primary and 53.05 under re-vaccinations as against 72.88 and 44.85 respectively in the preceding year. By far the largest number of re-vaccinations (18,204) were done on the Kolar Gold Fields.

REPORT ON VACCINATION IN MYSORE FOR THE CALENDAR YEAR 1925.

ADMINISTRATION.

As in the previous years, the control over the Vaccination Department in districts continued to be exercised by the Presidents of District Boards under the advice of the Sanitary Commissioner.

ESTABLISHMENT.

2. The staff during the year consisted of 168 vaccinators against 163 in the previous year. One vaccinator was employed for the Sringeri Jaghir. One retired vaccinator licensed under the Compulsory Regulation permitted to vaccinate in the Bangalore City and an additional ex-officio appointment of vaccinator was made on the Kolar Gold Fields. The Municipalities of Tiptur and Nanjangud have each employed a Vaccinator and their work is shown separately this year in Statement I attached.

GENERAL OPERATIONS.

3. The number of operations performed during the year totalled 1,71,322 as compared with 1,53,720 in 1924, showing an increase of 17,602. Out of the total number vaccinated 1,45,689 were primary and 25,633 re-vaccinations against 1,35,101 and 18,619 respectively in the previous year. Of the total vaccinations, 73.08 percent was performed by the district and malnad improvement vaccination staff, 23.98 percent by the special staff of vaccinators in Municipalities and 2.94 percent by the Medical subordinates in charge of Dispensaries.

The number and percentage of successful cases in which results were known were 1,24,497 and ~~90.61~~ 83.84 respectively against 1,14,749 and 91.99 in the previous

VACCINATION BY DISPENSARY STAFF.

7. The number of vaccinations performed by Medical Subordinates in Dispensaries during 1925 was 5,038 of which 4,690 were primary and 348 re-vaccinations against 5,568, 5263 and 305 respectively in the preceding year. The percentage of successful cases excluding un-known was 94.78 under primary and 64.96 under re-vaccinations as against 97.63 and 12.25 respectively in the year previous.

COMPULSORY VACCINATION.

8. Until the beginning of July 1925 the Compulsory Vaccination Regulation was in force in 91 towns as in the previous year including the Cities of Bangalore and Mysore. With the passing of the amended Regulation VII of 1925 on the 7th July 1925, vaccination became compulsory, as a permanent measure in all Municipalities constituted under the Mysore Municipal Regulation 1906 and in the local area under the control of the Kolar Gold Fields Sanitary Board. In pursuance of the provisions of the Amended Regulation proposals have also been submitted for declaring vaccination compulsory in selected rural tracts of the Shimoga, Hassan and Kadur districts. Draft rules to regulate the vaccination of persons in rural areas have also been drawn up and submitted for the consideration of Government. The notices issued in the compulsory areas under the provisions of the Regulation numbered only 420. The figure indicates the need for more active interest being shown by local bodies for the systematisation of vaccination work.

EXTENT OF PREVALENCE OF SMALL-POX.

9. The total number of deaths from small-pox registered during 1925 was 7,338 as against 6,642 in the previous year, the death-rate being 1.25 against 1.13 in the

preceding year. The largest number of deaths (1,929) occurred in the Kolar district, and the fewest (3) in the Kadur District. In proportion to population the highest rate ~~(2.58)~~ (2.43) was returned for Kolar district. The other districts in which the rate exceeded 1 per mille were Tumkur, Hassan and Chitaldrug.

INSPECTIONS.

10. During the year under report 38,205 children were inspected by the Chief Sanitary Inspectors of Districts in the course of their tours in the districts. The percentage of cases found with markes of successful vaccinations to the total number inspected was 65.10 The percentage of cases unprotected and of small-pox cases to total number inspected were 15.10 and 20.37 respectively.

11. The total number of cases verified by the Chief Sanitary Inspectors with reference to the vaccinations returned was 19,153 of which 15,313 cases or 80.03 perdent were found to agree in every respect with the returns.

12. The number of cases verified by Taluk Sanitary Inspectors in the Tumkur, Mysore, Kadur, Hassan and Chitaldrug districts amounted to 11,250. Particulars relating to the other districts are not furnished. Considering that in these 5 districts the vaccinations returned aggregated to 73,026 or over 6 times the number reported as actually verified - it is clear that little systematic scrutiny is exercised by the local Sanitary Inspectors over the work of their vaccinators.

13. The Sanitary Commissioner inspected and checked the work of vaccinators in 78 towns and 75 villages.

PROTECTION AFFORDED BY VACCINATION.

14. The number of persons successfully vaccinated per mille of population in the State was 26.73 against

against 20.72 in 1924. On the recorded birth-rate of 17.16 per mille of population 36.39 percent of the children under one year of age were protected against 34.5 percent in the preceding year.

COST OF THE DEPARTMENT.

15. The total cost of the Department exclusive of the Vaccine Institute amounted to Rs48,495-8-5 as against Rs48,366-15-8 of the preceding year. The average cost of each operation exclusive of the charges of the Vaccine Institute was Rs0-4-7.9 and of each successful case of vaccination Rs0-5-10.9 as compared with Rs0-5-11 and Rs0-7-2 respectively in the preceding year.

GENERAL REMARKS.

16. Special attention was as usual paid to vaccination in Holageries and Madigageries with a view to prevent the dissemination of small-pox from these areas. The vaccination during the year in both the Keries numbered 11,675.

No complaints were brought to notice during the year under report in regard either to the irregular o: the inadequate supply of lymph for the use of Vaccinators.

Office of the Sanitary Commissioner in Mysore,
Bangalore, dated May 1926.

A.R.M.

SANITARY COMMISSIONER,
Mysore Government.

No. I.—STATEMENT SHOWING PARTICULARS OF VACCI

Serial No.	Circles and Districts	Population of District according to census of 192/	Average population per square mile	Average number of Vaccinators employed throughout the season	The Number of persons Vaccinated			Average Number of persons Vaccinated by each Vaccinator	- Primary Vaccina		
					Males	Females	Total		Total	Successfu	
										Under one year	Over one and unde six years
1	2	3	4	5	6	7	8	9	10	11	12
1	Bangalore Distric	788379		17	11492	9449	20941	1210	20573	4772	12792
2	Kolar —do	668804		15	10040	8725	18765	1251	18022	3709	10528
3	Tumkur do	758876		16	10756	8979	19735	1234	18825	3234	11295
4	Mysore —do	1319368		27	13042	10744	23786	880	23046	7013	11894
5	Hassan — do	575864		19	7210	5771	12981	683	12338	1257	8293
6	Shimoga do	492560		19	4983	7498	12481	656	12352	1190	5942
7	Kadur do	323331		15	4977	3729	8706	580	8090	906	3889
8	Chitaldrug do	548688		9	4366	3452	7818	868	6909	1466	3102
	Total ...	5475870		137	66866	58347	125213	7362	120155	23547	67735
1.	Bangalore City	118556		5	2725	2736	5511	1102	5750	3029	1647
2.	Kolar town	13368		1	280	234	514		43	239	135
3.	Mysore City	83951		4	3439	2720	6159	1539	8251	3117	1149
4.	Chickmagalur.	10207		1	262	225	487		439	137	203
5.	Hassan town	8096		1	285	183	468		349	150	152
6.	Kolar Gold Fields	87682		8	11986	10288	22274	1534	4070	2353	746
7.	Tumkur town	14246		1	575	397	912		684	328	249
8.	Chitaldrug town	8520		1	466	386	852		752	313	345
9.	Davangere	16971		1	356	365	721		721	369	346
10.	Chickballapur	10431		1	192	195	387		380	195	111
11.	Chintamani	6161		1	138	136	274		256	145	87
12.	Tiptur	4579		1	179	126	305		262	130	52
13.	Bowringpet.	5893		1	208	177	385		314	208	64
14.	Shimoga	14975		1	179	136	316		316	88	213
15.	Tarikere	9234		1	321	268	589		589	124	257
16.	Nanjangud.	7441		1	138	143	281		277	156	263
17.	Chennapatna.	11846		1	213	155	368		366	138	110
	Total	342097		31	21882	18870	40803		20649	11219	6123
1	Vaccine Institute				147	121	268		195	153	
	Grand Total ...	5817967		168	88895	77338	166284	140999	140999	34919	73858

ATION IN THE MYSORE STATE DURING THE YEA 192

WD 01588—GPB—200—4-9-22

n		Re-Vaccination			Percentage of Successful cases excluding unknown		Persons Successfully vaccinated per 1,000 of Population	Percentage of unknown cases to total cases		Average annual No. of persons Successfully vaccinated during past five years		Average annual No. of deaths from small pox during previous five years		Remarks
Total of all ages	Unknown	Total	Successful	Unknown	Primary	Re-Vaccination		Primary	Re-Vaccination	Number	Ratio per 1000 of Population	Number	Ratio per 1000 of Population	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
18441	624	368	62	21	92.44	17.86	23.46	3.0	5.70	16781	21.29	456	.57	
15934	915	743	107	9	96.17	14.56	23.98	5	1.21	13634	20.39	380	.56	
15955	920	910	119		89.10	13.07	21.76	4.(		8846	11.66	509	.67	
20427	956	740	66	23	92.03	9.20	16.05	4.	3.11	20552	15.59	845	.61	
10729	427	643	280	74	90.03	49.21	19.11	3.4	11.57	6642	11.54	177	.30	
9317	1157	129	27	35	83.30	28.72	18.99	9	27.13	11928	24.21	201	.40	
6973	542	616	262	117	92.37	52.50	22.35	6.	19.00	7292	22.55	123	.30	
5046	731	909	504	14	81.66	56.31	10.10	1.05	.54	5176	9.62	447	.81	
102822	6272	5058	1427	293	90.28	21.10	19.03	8.2	79	90633	16.55	3128	.57	
4785	53	361	82		93.89	22.72	40.60	1.0		3779	31.38	17	.14	
384	49	41	10	19	90.57	45.45	2.95	10.	46.58	296	22.16	5	.37	
4451	358	908	16	706	90.97	7.92	53.20	6.8	7.75	4000	47.64	53	.63	
344	32	48	10	13	84.52	28.57	34.71	7.	27.08	351	34.38	1	.09	
311	28	119	4	111	47.24	50.00	38.92	8.0	3.27	203	25.07	4	.49	
3009		18204	9098	1766	70.30	55.40	138.00		.70	6016	68.61	13	.15	
522		228	25		153.71	10.97	38.41			624	45.93	1	.07	
658		100			87.50	1.00	77.23			326	38.26	5	.58	
623					86.41		36.70			658	38.86	17	1.00	
359	2	7	7		94.99	1.00	35.62	.5		307	23.38			
238	8	18	8		95.96	44.44	39.92	3.1		206	33.44	2	.32	
182		43	3		68.47	6.98	40.71					1	.22	
283	11	7	43		93.41	6.56	55.32	8.		260	35.05	1	.17	
306					96.83		20.45			59	3.94	4	.26	
530	33				95.33		57.40	5.		802	97.09	1	.10	
226					87.60		30.39					4	.53	
253	19	2			72.92		21			48	4.05			
17464	593	20152	9306	2615	86.98	53.05	78.25	2.	97	16536	68.23	129	.37	
153	27	73	4	23	96.83	12.50		12	50					
20439	6892	25285	10737	2931	89.79	48.03	22.38	4.	9	107169	18.4	8257	.58	

Sanitary Commissioner,
MYSORE GOVERNMENT

Form 41]

SUMMARY TO STATEMENT I SHOWING PARTICULARS OF VACCINATION

WD 01589—GPB—200—23 2-22

	Total No. of persons vaccinated		Total No. of operations performed		Percentage of successful cases in which results were known		Average No. of persons vaccinated by each vaccinator		No. of children successfully vaccinated		Ratio of successful vaccinations per 1,000 of populations	Total cost of the Department	Average cost of each successful case	Remarks
	Primary	Re-vaccination	Primary	Re-vaccina	Primary	Re-vaccination	Vaccinators employed	Person vaccinated by the each vaccinator	Under one year	One and under six years				
1	2	3	4	5	6	7	8	9	10	11	12	13.	14.	15
By special staff	14804	2512	14804	2512	89.80	47.12	168	73 62	34766	73858	5.97	122 52	48495-85	0-5-10.9
(District and Municipal)														
By dispensary staff	4690	348	4690	348	94.78	64.96	148	34	1681	1994				
By other agencies if any:	195	73	195	73	96.83	12.50			783					
Total	14568	2563	14568	2563	~~85.8~~ 90.61	49.03	316	7396	36600	75852	13.03	48495-8-5	0-5-10.9	

S. Bhuvanthiah
for Sanitary Commissioner,
MYSORE GOVERNMENT.

ENT No. II.

W.D. 01205—GBPM—200—12.9.17.

diture		Paid from				Total	No. of all successful vaccinations and re-vaccinations	Average cost of each successful case
Contingencies	Total Cash	Imperial fund	Local fund	Municipalities	Native States			
10 10 6	7426 15 1		7184 15 1	124 . .		7426 15 1	18756	0.6.4
	5640 . .		5640			5640 . .	17373	0-5-2.3
70 8 8	1940 6 4	9040 6 7				9040 6 7	16069	0.1.5.5
39 9 .	1111 0 14 2	1110 14 2				1110 14 2	20756	0.8.6.7
68 4 7	6487 8 7 . . .		6487 8 7			6487 8 7	11009	0.9.5.1
6 8 9	2007 9 . 1414 8 .	120 . .				2007 9 .	9863	0.3.3.0
	5301 9 . 1786 6 .	33033 .		638		5301 9 .	9782	0.8.7.8
8 9 7	2727 13 5		2727 13 5			2727 13 5	6022	0.7.29
4 3 1	42632 11 7	16252.2.9	25463 8 1	762 . .		42632 11 10	109630	0.6.2.6
1 12 11	1801 12 11			1801 12 11		1801 12 11	5024	0.5.8.8
.	960			960 . .		960 . .	.	2.6.11.8
11 4	1928 . 4			. . .		1928 . 4	4586	0.6.8.7
	426					426 . .		1.3.3
7 4	362 15 4			362 15 4		362 15 4	315	1.2.5.2
	384			384 . .		384 . .	12457	0.0.5.9
157	5862 12 7			3588 12 3		5862 12 7	22382	0.4.2.2
2 8	48495 8 5	16252.2.9	25463 8 1	4270 12 3		48495 8 5	132012	0.5.10.9

H. V. Thomson

Sanitary Commissioner.

STATEM

No.	District	Establishment							Chaprasis and other servants	Pay of Establishment			Travelling Allowances			Expen
		Superintendent General	Superintendent of Circles	Deputy Inspectors	Native Superintendents	Vaccinators I Class	Vaccinators II Class	Vaccinators III Class								
	Bangalore			1	5	5	5	9	1	5683	10	8	1732	9	11	
	Kolar			1		4	4	8		4560			1080			
	Tumkur			1		6	4	6		1387	11	11	462	2		
	Mysore			1		2	4	22	1	8318	4	11	2753	13		
	Hassan			1		2	5	11		4860			1159	4		
	Shimoga			1		3	3	14	1	1534	8		426	8	3	
	Kadur			1		2	3	11								
	Chitaldrug			1			3	6		2539	3	10	170			
	Total			8		24	31	87	3	28883	7	4	7783	8	5	6
	Bangalore City	1	6			1	1	2		1080						7
	Kolar Town							4		960						
	Mysore	1				1	2	1		1074	5					85
	Chikmagalur															
	Hassan	1					1			324	8					1
	Kolar Gold Fields	1								384						
	Total	4	6			2	4	7		3822	13					161
	Vaccine Institute															
	Grand Total	4	6	8		26	35	94	3	12706	4	4	7783	8	5	2

NT III.

n in the Mysore State during year 192

DW 01697—GIB—200—23.2.28

y Vaccination		Re-Vaccination			Percentage to Successfull cass Excloding un-known		Percentage of un-known cases to total cases		Remarks
ful	Total of all ages	Un-known	Total	Successful	Un-known	Primary and Secondary	Revaccination	Primary and Secondary Vaccination	Revaccination	
	10	11	12	13	14	15	16	17	18	19
57	752	66	79	45	23	95.67	80.35	7.74	29.11	
28	627	100	52	25	26	91.67	89.28	12.93	48.14	
39	594	27	21	11	1	88.88	47.82	3.75	4.16	
71	961	141	68	20	14	99.69	37.03	13.06	20.58	
34	250	20	43	31	4	93.63	79.48	6.96	9.30	
75	173		32	27		88.71	81.81			
42	81	2	2	2		92.42	100.00	2.32		
18	620	48	45	4	26	100.00	21.05	7.33	57.77	
TAL	4058	409	348	165	94	94.78	64.96	85.07	27.01	

Sanitary
MYSOR

Statement showing the Dispensary Vaccinati

Number	District	Number of dispensaries in each district to which a Vaccinator is attached	Average No of Vaccinators attached to the dispensaries during the year	Total number of persons Vaccinated	Average by each Vaccinator Number of persons Vaccinated	Primary and Second		
						Total	Succe	
							Under one year	Over one and
1	2	3	4	5	6	7	8	
1	Bangaloro District	21	21	931	44.33	852	452	2
2	Kolar	16	16	827	51.68	773	269	
3	Tumkur	15	15	743	49.53	719	208	
4	Mysore	29	29	1178	40.6	1110	374	8
5	Hassan	13	13	330	25.3	287	67	
6	Shimoga	21	21	228	10.8	195	55	
7	Kadur	21	21	88		86	11	
	Chitaldrug	12	12	713	59.4	668	245	
	Total	148	148	5028	34.0	4690	1681	

ıated and the number of those who were successfully vaccinated in each of the undermentioned official years.

narily vaccinated

Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated
1st December										
0	1921		1922		1923		1924		1925	
986	95759	82860	83432	74825	115462	105763	108305	101229	120350	102935
95	15272	12814	16713	14779	17936	15697	21533	14911	20649	17464
547	5937	4864	5361	4662	5521	4804	5263	4509	4690	4058
28	117168	100538	105506	19298	139331	126134	135101	124749	145889	124497

to be shown. Re-vaccinations are to be wholly excluded from this statement.

Sanitary Commissioner,
MYSORE GOVERNMENT.

Comparative statement No. IV--Showing the number of persons primarily vacci

Establishment	Persons pri									
	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	
	Years ended									
	1916		1917		1918		1919		19	
Government	63/4	61757	64551	60355	66877	61697	108940	88152	101124	
Municipal	14649	13362	16331	14087	23542	18304	19656	16879	13997	
Local Funds										
Native States										
Dispensari	9678	8421	10020	7323	11322	9255	14034	1198	9108	
Army										
European										
Native										
Total	90641	83534	90902	82245	110681	89256	142630	116131	124029	

Note.--Only the actual number of persons vaccinated and not the number of operations i

STATION

GPB—200—13-2-14

STATEMENT SHOWING THE PARTICULARS OF VACCINATION VERIFIED BY THE CHIEF SANITARY INSPECTOR FOR THE YEAR 1925.

No.	District.	Total No. of persons vaccinated in the district.	Total No. inspected.	Total No. found correctly reported.	Percentage of cases found correctly to total No. inspected.	Remarks.
1.	Bangalore	20941	6207	5652	185.35	
2.	K o l a r	18765	594	580	97.67	
3.	T u m k u r	19735	4456	4226	94.7	
4.	M y s o r e	23786	1163	1028	88.39	
5.	H a s s a n	12981	649	604	93.07	
6.	S h i m o g a	12481	4875	2238	805.51	
7.	K a d u r	8706	331	301	90.93	
8.	Chitaldrug	7818	858	684	79.72	
	Total -	125213	19133	15313	80.03.	

Illegible

SANITARY COMMISSIONER,
Mysore Government.

a.r.m

STATEMENT SHOWING THE VACCINATION INSPECTION BY THE CHIEF SANITARY INSPECTOR FOR THE YEAR 1925.

No.	District.	Total No. inspected.	No. bearing successful marks of vaccination.	No. of un-protected cases.	No. bearing small-pox marks.	Percentage of			Remark
						Succesful to total No. Inspected.	Un-protected cases to total No. Inspected.	No. of small-pox cases to total No. inspected.	
1.	Bangalore.	8328	4949	1432	1947	59.42	17.20	23.38	
2.	Kolar	1166	1024	47	95	87.80	4.03	8.14	
3.	Tumkur.	10864	8896	1260	708	81.90	11.60	6.52	
4.	Mysore.	6385	2711	1224	2450	42.47	19.18	38.39	
5.	Hassan.	1937	1243	135	759	64.19	8.77	11.90	
6.	Shimoga	5763	3726	887	1150	64.66	15.39	19.91	
7.	Kadur.	1076	516	249	311	47.94	23.14	28.90	
8.	Chitaldrug.	2686	1808	523	365	67.49	19.47	13.59	
	Total	38205	24873	5737	7785	65.10	15.01	20.37	

Wilkinson

SANITARY COMMISSIONER,
Mysore Government.

a.r.m.

APP. F. VI. Gl.]

UBJECT.....

.....

.....

Section Scan

Diary No. of letter replied to 5788

File No. 4829

Serial No. 8

No. G/10046

Enc. 2 Reports
7 Statements

General and Revenue Secretariat

( )

the 192

To The Superintendent
Govt Printing

Date of issue 3/6/26

Signed by Mr. J. S. M.

Sir,

I am directed to forward herewith a copy of each of the reports on Vaccination in the State for the working of the Vaccine Institute, Bangalore, during 1925 together with statements relating thereto & to request that the same may be set in type & 250 copies printed & kept ready for being bound with the

List of enclosures.....

Copied by .....

Examined by .....

over

two Court Orders which will
be sent to you in one course.
2. Proofs maybe sent to the
(1) Sanitary Court by the Director
of P.W. but to correction before
Copies are finally struck off.

Thanks

[illegible]

Med & Sanit Officer

Memo 9 10047-8

A Copy of the above forwarded
to the Council & the Sanitary Court
with reference to letter No 1127/15
of 2nd inst. from the Director
of P.W. but note with reference
to letter no 1104 Q. 3rd/16 dt
April 1916.

Yours etc.

[illegible]

Med & Sanit Officer

15/10

G.O.No. Sams 48-25-10

Proceedings of the Government of
H.H.the Maharaja of Mysore.

Read:-

Reports on vaccination and the Vaccine Institute, Bangalore, for the calendar year 1925 received with letters No.Per.Y.16 dated 22nd May 1926 from the Sanitary Commissioner in Mysore and No.1104 dated 3rd/10th April 1926 from the Director of Public Health Institute, respectively.

Order No. G 1881-1900

Dated Bangalore, the 18th August 1926.

R e c o r d e d .

2. Number of vaccinations performed:- There were 168 vaccinators against 163 during the previous year. The total number of vaccinations performed by them was 1,71,322 as compared with 1,53,720 during 1924, showing an increase of 17,602. Of these, the number of vaccinations performed in the rural areas was 1,25,213 against 1,11,116 in the previous year. The average number of vaccinations performed by each vaccinator was 914, which was more than that of the previous year by 104. Special attention continued to be paid to vaccinations in Holegeries and Madigakeris, the total number of cases performed being 11,675.

3. Prevalence of small-pox. The total number of deaths from small-pox was 7,338 against 6,642, giving a ratio of 1.25 against

P.T.O.

1.13 in the previous year. The largest number of deaths, viz.1,929, occurred in the Kolar District.

4. Inspections. The total number of vaccination cases inspected by the Chief Sanitary Inspectors of the Districts in the course of their inspections was 38,205. The Sanitary Commissioner inspected the work of vaccinators in 78 towns and 75 villages.

5. Compulsory vaccinations. With the passing of the amended Vaccination Regulation VII of 1925 on 7th July 1925, vaccination became compulsory as a permanent measure in all the Municipalities constituted under the Mysore Municipal Regulation of 1906, and in the local area under the Kolar Gold Fields Sanitary Board. Proposals for extending it to other areas are under consideration.

6. Cost of the Department. The total cost of the Department, exclusive of that of the Vaccine Institute, was Rs.48,495-8-5 against Rs.48,366-15-8.

7. Vaccine Institute. During the year, 270 calves were successfully vaccinated and yielded 29,873 grains of pulp, equivalent to 2,98,730 cases. The quantity of vaccine issued during the year was enough for 228,679 cases. The cost of lymph supplied during 1925 was 11.99 pies per case against 10.62 pies during 1924, the slight rise being

due to increased charges consequent on the reorganisation of the establishment of the institute. The income and expenditure of the institute during 1925 were Rs.20,947-4-5 and Rs.13,007-14-2, respectively, yielding a net profit of Rs.7,939-6-3. The outstandings on account of the supply of vaccine lymph at the close of the year were Rs.31,466-3-2, of which a sum of Rs.20,043-5-7 related to the supplies made during previous years. It is hoped that consequent on the issue of the Government order No.L.5137-210/San. 19-25-2, dated 18th January 1926, prescribing the procedure for the adjustment of the cost of vaccine Lymph, the outstandings will be reduced.

9. Twenty candidates for Vaccinator's appointment ~~who~~ were trained in the Vaccine Institute during the year and 10 pupil compounders and 7 Sanitary Inspectors were also given training in vaccination.

10. General. The number of deaths from small-pox during the year was more than that during 1924. The attention of the Deputy Commissioners of Districts and Presidents of District Boards is invited to the remarks contained in the last para of the Government review on the report for the year 1924 in regard to popularising vaccination in the State. The Sanitary Commissione

P.T.O.

Commissioner is requested to include a brief note on the matter in future reports.

9/8.

Secretary to Government,
Medl. & Agl. Depts.

To 9/8

The Sanitary Commissioner in Mysore.

~~" Director of Public Health Institute.~~

" Deputy Commissioners of Districts.

" Presidents of District Boards.

" President, City Municipal Council, Mysore City.

" Municipal Commissioner, City Municipal Council, Bangalore, through the President.

" President, K.G.F.Sanitary Board.

" Press Table.

18/8/1910

B.K.M.

APP. F. VI. Gl.]

SUBJECT.....

.....

.....

Diary No. of letter replied to 57889/25

Section San

File No. 48-25

Serial No. 15

No. Pol. 513 Ed 3

To The Sanitary Comm
Hon'ble the Resident at Mysore

Sir,

Date of issue 8/12/26

Signed by Mr R. Ramarao

and on the working staff

I am directed to forward herewith three copies of the report on vaccination in Mysore ~~State~~ Vaccine Institute, Bangalore, for the calendar year 1925, with the Govt orders thereon.

I have the

Yours Govt

List of enclosures.....

Copied by.....

Examined by.....

Jom
2/1/26

over

WD 01265—GPB—31,000—24-12-25

APP. F. VI. Gl.]

SUBJECT.....

.....

.....

Diary No. of letter replied to 8788-25

Section Secn

File No. 48-25

Serial No. 16.

No. G. 6226-35/Gen/1 each

General and Revenue Secretariat

( )

the 192

To

.....

(1) The Secretary to Govt of Bengal, Calcutta.

(2) " Director of Public Health in Bengal, "

(3) " Librarian, Secretariat Library, Ft. St. George, Madras

(4) " Secy to Govt of H.E.H. the Nizam of Hyderabad. Hyderabad, Deccan

(5) " Chief Commissioner Central Provinces Nagpur.

(6) " Dewan of Cochin., Ernaculam

(7) " " " Pudukkottai, Pudukkottai

(8) " " " Baroda. Baroda

(9) The Chief Officer in charge of the Imperial Library, Calcutta.

(10) " Officer in charge of the Army Medical Library, 7th & B. Streets, S.W. Washington, D.C. U.S.A.

Date of issue 8/12/26

Signed by Asst. Secy.

List of enclosures.....

Copied by 1/12

Examined by.....

over

WD 01265—GPB—31,000—24-12-25

Sir,

Sir

I am directed to forward herewith a copy of the report on vaccination in Singapore and on the working of the Vaccine Institute, Bangalore, for the Calendar year 1910.

I have etc.

for Secretary to Govt

Dm
17/4/11

REPORT ON VACCINATION IN MYSORE FOR THE CALENDAR YEAR 1925,

WITH THE GOVERNMENT REVIEW THEREON.

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS.

G. O. No. G. 1881-900—Sany. 48-25-10, dated 18th August 1926.

Report on the working of Vaccination and of the Vaccine Institute during the Calendar year 1925.

Reviews the ——

READ—

Reports on Vaccination and the Vaccine Institute, Bangalore, for the Calendar year 1925, received with letters Nos. Per. Y. 16, dated 22nd May 1926, from the Sanitary Commissioner in Mysore, and No. 1104, dated 3rd—10th April 1926, from the Director of Public Health Institute, respectively.

ORDER NO. G. 1881-900—SANY. 48-25-10, DATED 18TH AUGUST 1926.

Recorded.

2. *Number of Vaccinations performed.*—There were 168 vaccinators against 163 during the previous year. The total number of vaccinations performed by them was 1,71, 322 as compared with 1,53,720 during 1924, showing an increase of 17,602. Of these, the number of vaccinations performed in the rural areas was 1,25,213 against 1,11,116 in the previous year. The average number of vaccinations performed by each vaccinator was 914, which was more than that of the previous year by 104. Special attention continued to be paid to vaccinations in Holegeries and Madigakeries, the total number of cases performed being 11,675.

3. *Prevalence of small-pox.*—The total number of deaths from small-pox was 7,338 against 6,642 giving a ratio of 1.25 against 1.13 in the previous year. The largest number of deaths, *viz.*, 1,929 occurred in the Kolar District.

4. *Inspections.*—The total number of vaccination cases inspected by the Chief Sanitary Inspectors of the Districts in the course of their inspections was 38,205. The Sanitary Commissioner inspected the work of vaccinators in 78 towns and 75 villages.

5. *Compulsory Vaccination.*—With the passing of the amended Vaccination Regulation, VII of 1925 on 7th July 1925, vaccination became compulsory as a permanent measure in all the Municipalities constituted under the Mysore Municipal Regulation of 1906, and in the local area under the Kolar Gold Fields Sanitary Board. Proposals for extending it to other areas are under consideration.

6. *Cost of the Department.*—The total cost of the Department, exclusive of that of the Vaccine Institute, was Rs. 48,495-8-5 against Rs. 48,366-15-8.

7. *Vaccine Institute.*—During the year, 270 calves were successfully vaccinated and yielded 29,873 grains of pulp equivalent to 2,98,730 cases. The quantity of vaccine issued during the year was enough for 2,28,679 cases. The cost of lymph supplied during 1925 was 11.99 pies per case against 10.62 pies during 1924, the slight rise being due to increased charges consequent on the reorganisation of the establishment of the Institute. The income and expenditure of the Institute during 1925 were Rs. 20,947-4-5 and Rs. 13,007-14-2 respectively, yielding a net profit of Rs. 7,939-6-3. The outstandings on account of the supply of Vaccine lymph at the close of the year were Rs. 31,466-3-2, of which a sum of Rs. 20,043-5-7 related to the supplies made during previous years. It is hoped that consequent on the issue of the Government Order No. L. 5137-210—San. 19-25-2, dated 18th January 1926,

prescribing the procedure for the adjustment of the cost of Vaccine Lymph, these outstandings will be reduced.

8. Twenty candidates for Vaccinator's appointment were trained in the Vaccine Institute during the year and ten pupil Compounders and seven Sanitary Inspectors were also given training in vaccination.

9. *General.*—The number of deaths from small-pox during the year was more than that during 1924. The attention of the Deputy Commissioners of Districts and Presidents of District Boards is invited to the remarks contained in the last para of the Government review on the report for the year 1924 in regard to popularising vaccination in the State. The Sanitary Commissioner is requested to include a brief note in the matter in future reports.

R. RANGA RAO,
Secretary to Government,
Medical and Agricultural Departments.

To—The Sanitary Commissioner in Mysore.
The Deputy Commissioners of Districts.
The Presidents of District Boards.
The President, City Municipal Council, Mysore City.
The Municipal Commissioner, City Municipal Council, Bangalore, through the President.
The President, Kolar Gold Fields Sanitary Board.
PRESS TABLE.

Exd.—P.S.R.N.

W D 400—GPB—515—25-8-26

REPORT ON VACCINATION IN MYSORE FOR THE CALENDAR YEAR 1925.

Administration.

As in the previous years, the control over the Vaccination Department in districts continued to be exercised by the Presidents of District Boards under the advice of the Sanitary Commissioner.

Establishment.

2. The staff during the year consisted of 168 vaccinators against 163 in the previous year. One vaccinator was employed for the Sringeri Jaghir. One retired vaccinator licensed under the Compulsory Regulation was permitted to vaccinate in the Bangalore City and an additional ex-officio appointment of vaccinator was made on the Kolar Gold Fields. The municipalities of Tiptur and Nanjangud have each employed a vaccinator and their work is shown separately this year in statement I attached.

General Operations.

3. The number of operations performed during the year totalled 1,71,322 as compared with 1,53,720 in 1924, showing an increase of 17,602. Out of the total number vaccinated, 1,45,689 were primary and 25,633 re-vaccinations against 1,35,101 and 18,619, respectively, in the previous year. Of the total vaccinations, 73·08 per cent was performed by the district and malnad improvement vaccination staff, 23·98 per cent by the special staff of vaccinators in municipalities and 2·94 per cent by the medical subordinates in charge of dispensaries. The number and percentage of successful cases in which results were known were 1,24,497 and 83·84, respectively, against 1,14,749 and 91·99 in the previous year in the case of primary vaccinations and 10,902 and 48·53 against 6,632 and 41·95, respectively, in 1924, in the case of re-vaccinations.

During the year, the number of primary vaccinations exceeded the decennial average (1,15,868) by 29,821.

District Vaccination.

4. The number of vaccinations performed in the rural areas n districts aggregated to 1,25,213 as compared with 1,11,116 in the year 1924. All the districts except Bangalore and Mysore showed an increase, the largest (+9,549) being recorded for Tumkur District. The decline of district vaccinations in the two districts named is attributed to the prevalence of plague and fevers.

5. The percentage of successful cases to total number vaccinated was 90·28 under primary and 21·10 under re-vaccinations against 92·12 and 22·77 in the preceding year.

The average number of cases vaccinated by each vaccinator was 914 as compared with 810 in the year previous.

Vaccination in Municipal Areas.

6. During the year under report the operations performed in municipalities where special vaccinators are employed numbered 40,803 of which 20,649 were primary and 20,154 re-vaccinations against 37,036, 21,533 and 15,503, respectively, in 1924. The percentage of successful cases excluding unknown was 86·98 under primary and 53·05 under re-vaccinations as against 72·88 and 44·85, respectively, in the preceding year. By far the largest number of re-vaccinations (18,204) was done on the Kolar Gold Fields.

Vaccination by Dispensary Staff.

7. The number of vaccinations performed by medical subordinates in dispensaries during 1925 was 5,038, of which 4,690 were primary and 348 re-vaccinations against 5,568, 5,263 and 305, respectively, in the preceding year. The percentage of successful cases excluding unknown was 94·78 under primary and 64·96 under re-vaccinations as against 87·63 and 12·25, respectively, in the year previous.

Compulsory Vaccination.

8. Until the beginning of July 1925 the Compulsory Vaccination Regulation was in force in 91 towns as in the previous year, including the Cities of Bangalore and Mysore. With the passing of the amended Regulation VII of 1925 on the 7th July 1925, vaccination became compulsory as a permanent measure in all municipalities constituted under the Mysore Municipal Regulation, 1906, and in the local area under the control of the Kolar Gold Fields Sanitary Board. In pursuance of the provisions of the amended Regulation, proposals have also been submitted for declaring vaccination compulsory in selected rural tracts of the Shimoga, Hassan and Kadur Districts. Draft rules to regulate the vaccination of persons in rural areas have also been drawn up and submitted for the consideration of Government. The notices issued in the compulsory areas under the provisions of the Regulation numbered only 420. The figure indicates the need for more active interest being shown by local bodies for the systematisation of vaccination work.

Extent of Prevalence of Small-pox.

9. The total number of deaths from small-pox registered during 1925 was 7,338 as against 6,642 in the previous year, and the death-rate 1·25 against 1·13 in the preceding year. The largest number of deaths (1,929) occurred in the Kolar District, and the fewest (3) in the the Kadur District In proportion to population, the highest rate (2·48) was returned for Kolar District. The other districts in which the rate exceeded 1 per mille were Tumkur, Hassan and Chitaldrug.

Inspections.

10. During the year under report, 38,205 children were inspected by the Chief Sanitary Inspectors of districts in the course of their tours in the districts. The percentage of cases found with marks of successful vaccinations to the total number inspected was 65·10 The percentage of cases unprotected and of small-pox cases to total number inspected were 15 10 and 20·37, respectively.

11 The total number of cases verified by the Chief Sanitary Inspectors with reference to the vaccinations returned was 19,133, of which 15,3 3 cases or 80·03 per cent were found to agree in every respect with the returns

12. The number of cases verified by taluk Sanitary Inspectors in the Tumkur, Mysore, Kadur, Hassan and Chitaldrug Districts amounted to 11,250. Particulars relating to the other districts are not furnished. Considering that in these 5 districts the vaccinations returned aggregated to 73,026 or over 6 times the number reported as actually verified, it is clear that little systematic scrutiny is exercised by the local Sanitary Inspectors over the work of their vaccinators.

13. The Sanitary Commissioner inspected and checked the work of vaccinators in 78 towns and 75 villages.

Protection afforded by Vaccination.

14. The number of persons successfully vaccinated per mille of population in the state was 26 73 against 20·72 in 1924. On the recorded birth-rate of 17·16 per mille of population, 36·39 per cent of the children under one year of age were protected against 34·5 per cent in the preceding year.

Cost of the Department.

15. The total cost of the Department, exclusive of the Vaccine Institute amounted to Rs. 48,495-8-5 as against Rs. 48,366-15-8 of the preceding year. The average cost of each operation exclusive of the charges of the vaccine institute

was Re. 0-4-7·9 and of each successful case of vaccination Re. 0-5-10·9 as compared with Re. 0-5 11 and Re. 0-7-2, respectively, in the preceding year.

General Remarks.

16. Special attention was as usual paid to vaccination in holageries and madigeries with a view to prevent the dissemination of small-pox from these areas. The vaccination during the year in both the keries numbered 11,675.

No complaints were brought to notice during the year under report in regard either to the irregular or the inadequate supply of lymph for the use of vaccinators.

B. MAHOMED USMON,

Sanitary Commissioner,
Mysore Government.

Office of the Sanitary Commissioner in Mysore,
Bangalore, dated 18th May 1926.

REPORT ON THE WORKING OF THE MYSORE GOVERNMENT VACCINE INSTITUTE FOR THE YEAR 1925.

1. *Supply of Calves.*—Calves required for the institute during the year were, as usual supplied by an approved contractor. Nineteen calves remained at the close of the year 1924, and 291 calves were purchased during the year under report making a total of 310 calves against 322 in the year previous.

The gross cost of calves purchased during the year was Rs. 3,561-8-0 against Rs. 3,582-0-0 during the previous year. The net cost of calves purchased was Rs. 2,955-8-0 or an average of Rs. 9-8-6 against Rs. 2,990-0-0 or an average of Rs. 9-9-4 during the year previous.

2. *Vaccination of Calves.*—Two hundred and ninety four calves were vaccinated during the year under report, against 307 calves during the year previous. Of the calves vaccinated, 20 had to be rejected before Bacteriological examination on account of the unhealthy condition of the vesicles and two after Bacteriological examination and 2 on account of failures against 27, 11 and 3 respectively, during the year previous.

The remaining 270 calves yielded 29,873 grains of pulp (including 2,913 grains of pulp reserved for stock) equivalent to 2,98,730 against 29,030 grains of pulp (including 2,715 grains of pulp reserved for stock) equivalent to 2,90,300 cases during the year previous. The average yield per calf vaccinated was 101·61 grains of pulp (equivalent of 1,016·1 cases) against 94·56 grains of pulp (equivalent of 945·6 cases) in the year previous. The dose per case remained 3/5 grain as in the year previous.

3. *Health of Calves.*—This was on the whole satisfactory during the year. During February, there were 7 cases of imported Foot and Mouth desease. All were promptly segregated and other usual measures, to prevent its spread amongst the healthy calves, were taken. There were neither other cases of severe illness nor deaths amongst the calves in the institute.

4. *Feeding of Calves.*—The expenditure under feeding amounted to Rs. 726-1-0 or an average of Rs. 2-5-5·7 against Rs. 794-10-0 or an average of Rs. 2-9-0·2 per calf during the year previous.

5. *Sale of Calves.*—The amount realised by the sale of calves during the year was Rs. 606-0-0 or an average of Rs. 2-0-0 against Rs. 592-0-0 or an average of Rs. 2-0-0 per calf during the year previous.

6. *Issue of Vaccine.*—The issue of vaccine from the institute was, as usual, Lanoline Vaccine. The quantity issued during the year as detailed below was enough for 2,28,679 cases including 42,305 cases issued to outside the State as against 2,19,492 cases including 45,690 cases issued to outside the State during the year previous.

STATEMENT No. I.

District	Names	1925	1924	Remarks
Bangalore	Vaccinators	29,475	32,394	
	Medical officers and subordinates	1,343	3,073	
Mysore	Vaccinators	33,518	39,160	
	Medical officers and subordinates	1,619	1,740	
Kolar	Vaccinators	38,573	33,905	
	Medical officers and subordinates	1,532	810	
Tumkur	Vaccinators	23,205	15,992	
	Medical officers and subordinates	1,401	1,134	
Shimoga	Vaccinators	14,115	13,031	
	Medical officers and subordinates	567	399	
Hassan	Vaccinators	13,452	10,780	
	Medical officers and subordinates	635	605	
Kadur	Vaccinators	10,435	7,950	
	Medical officers and subordinates	346	260	
Chitaldrug	Vaccinators	15,119	12,017	
	Medical officers and subordinates	1,039	552	
Out Station	Out Stations	42,305	45,690	
	Total	2,28,679	2,19,492	

Results.—The results of vaccination performed with the paste issued from the institute as compared with that of last year are as follows:—

STATEMENT No. II.

Particulars	Average successful primary cases during 1925	Average successful primary cases during 1924	Remarks
In the State—			
Vaccinators and medical officers and subordinates.	92·43	90·92	Results from four districts were not received up-to-date of submission of this report.
Out stations	93·77	96·34	

The details of the results of the several districts are tabulated below:—

STATEMENT No. III.

Districts	Number of cases vaccinated primary	Number of cases unknown primary	Number of cases successful primary	Percentage primary
Vaccinators, Bangalore	20,939	643	18,694	92·51
,, Mysore	Not	received	Not	received.
,, Kolar	13,647	704	12,014	92·82
,, Tumkur	18,410	1,693	15,550	93·01
,, Shimoga	Not	received		
,, Hassan	12,503	266	11,342	92·51
,, Kadur	Not	received		
,, Chitaldrug	Not	received		
Health Officer, Bangalore City ...	5,150	·153	4,785	95·75
H. O., Mysore City	5,370	358	4,564	91·54
,, K. G. F.	4,070	234	3,368	87·8

The medical officers and subordinates returned the following results:—

STATEMENT No. IV.

Districts	Number of cases vaccinated primary	Number of cases unknown primary	Number of cases successful primary	Percentage primary
Bangalore	578	40	502	93·31
Mysore	981	81	734	81·56
Kolar	775	90	625	91·24
Tumkur	723	59	599	90·21
Shimoga	130	3	115	90·55
Hassan	287	22	218	82·26
Kadur	118	11	89	83·17
Chitaldrug	668	59	603	99·01
Medical Officer Central Jail, Bangalore ...	28	...	28	100%
,, ,, ,, Mysore	32	...	26	84·37
Assistant Surgeon, C. P. S. Dispensary, Sivasamudram.	98	..	98	100%
Medical Officer, Krishnarajasagara Works ...	167	1	152	91·57
Supt. of Vaccination, Chamrajnagar ...	224	15	209	93·75

Out Stations.—

STATEMENT No. V.

Name and Place	Number of cases vaccinated primary	Number of cases unknown primary	Number of cases successful primary	Percentage primary
The Chief Medical and Sanitary Officer, Ernakulam	31,403	217	29,365	94·16
Chairman Municipal Council, Mettencherry ...	1,804	69	1,661	95·73
Chittur, Cochin ...	1,755	44	1,394	81·47
Trichur ...	1,680	171	1,471	97·48

7. *Income and Expenditure.*—The following statement shows the income and expenditure for 1925 as compared with that of the year previous.

STATEMENT No. VI.

Items	Income 1925			Income 1924			Items	Expenditure 1925			Expenditure 1924		
	Rs.	a.	p.	Rs.	a.	p.		Rs.	a.	p.	Rs.	a.	p.
							Salaries...	3,630	0	0	3,450	0	0
Sale of vaccinated calves.	606	0	0	592	0	0	Establishment.	3,033	12	0	2,244	4	8
							Cost of calves.	3,561	8	0	3,582	0	0
Sale of Lymph, etc., within the State	4,354	2	10	4,258	2	9	Feeding of calves.	726	1	0	794	10	0
							Other charges and contingencies.	2,056	9	2	2,078	9	5
Out Stations	4,564	4	0	4,629	3	0							
Amount outstanding at the close of the year within the State 11,406-13-7 Out station 16- 0-0.	11,422	13	7	10,176	0	3	Total	13,007	14	2	12,149	8	1
Total ...	20,947	4	5	19,655	6	0							
Deduct Expenditure ...	13,007	14	2	12,149	8	1							
Net Income ...	7,939	6	3	7,505	13	11							

8. In spite of the small increase under establishment during the year under report, consequent in the revision of establishment of this institute, as per G. O. No. L. 2666-7—San. 44-4-7, dated 15/17th October 1925, the net income was Rs. 7,939-6-3 against Rs. 7,505-13-11.

But a sum of Rs. 11,422-13-7 on account of supplies during the current year remains uncollected against Rs. 10,176-0-3 during the year previous.

Besides this, a sum of Rs. 20,043-5-7 as per information available from the books of this office remains yet to be adjusted for supplies in previous years making a total of Rs. 31,466-3-2 to be adjusted up to 31st December 1925.

It is possible that in some cases the dues may have been credited to the treasury but no advice sent to this office. With a view to avoid such irregularities, a special reference was made to systematize procedure in payments, by the local bodies for supplies, Government have been pleased to issue a G. O. No. L. 5137-210—San. 19-25-2, dated 18th January 1926, and it is anticipated that in the next year's report at least there will be a more satisfactory record under this head.

A separate reference on the delay in adjustment of the dues by the several local bodies has been made for favour of necessary action.

The cost of lymph issued during the year worked out to be 11·99 pies per case against 10·62 pies per case during the year previous. The slight rise being due to increased charges consequent to the re-organisation of the establishment as pointed in para 10.

STATEMENT No. VII.

Statement showing the demand, collection and balance for the Vaccine Institute supplies from the Mysore Government Vaccine Institute, Bangalore, up to 31st December 1925.

Demands			Collections			Balance			
Balance of previous years up to 31st December 1924	Of current year up to 31st December 1925	Total demand up to 31st December 1925	Of previous years	Of current year	Total	Out of previous year demands	Out of current year demands	Total	Remarks
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
21,615 3 9	20,341 4 5	41.956 8 2	1,571 14 2	8,918 6 10	10,490 5 0	20,043 5 7	11,422 13 7	31,466 3 2	(*)

(*) Details submitted separately for necessary action with a view to early adjustment.

9. *Training in Vaccination.*—Twenty candidates for the vaccinators' appointments were trained during the year, against 22 during the year previous. All of them were granted qualifying certificates.

Besides the vaccinators, 10 pupil compounders and 7 Sanitary Inspectors were trained in vaccination as per respective Government Orders, against 12 and 10 respectively, during the year previous.

The usual course of demonstrations in vaccination for the final year students of the L. M. P. section of the Local Medical College was also held during the year.

10. *Staff.*—During the year under report, the undersigned continued to be in charge of the institute throughout the year except for about 3 weeks, when he was away on privilege leave and Dasara Holidays from 15th September 1925 to 5th October 1925, and Mr. B. Parthasarathy Iyengar, the then Sub-Assistant Surgeon doing duty was in charge of my duty as well.

The Sub-Assistant Surgeon doing duty here, who was partly working here and partly in the Public Health Institute was relieved of his duties here on 10th October 1925, for full time duty in the Public Health Institute.

The establishment was reorganised with effect from 15th October 1925 as per G. O. No. L. 2666-7—San. 44-24-7, dated 15/17th October 1925.

11. *Bacteriological Examination.*—During the year, 314 samples were examined 400 times and 2 samples were rejected on the following grounds:—

Spore—Bearing Aerobes.

12. *General Remarks.*—No difficulty was felt in meeting the hot weather demands during this year as well.

As usual, transmission of results of vaccinations performed from paste supplied during this year by the several vaccinating officers, in spite of reminders, has been delayed this year also. Submission of this report has also to be delayed consequently.

Although the due date on which the statements requisitioned was 5th January 1926, the Presidents of District Boards of Mysore, Shimoga, Kadur and Chitaldrug have not yet sent in. To avoid further delay, this report has had to be submitted omitting their results.

This is probably the only institute that supplies Lanoline Vaccine at present. The desirability of issuing Glycerine Vaccine from this institute as well may have to be considered in the near future. But before Glycerine paste can be issued, several Physiological and Bacteriological experiments for adopting it to local conditions are necessary, to facilitate which, improvements and additions to staff, building and equipment, available at present, are essential. It is therefore respectfully urged that funds for the same may be made available as early as possible.

J. A. ISWARAMURTHI,

Superintendent,
Govt. Vaccine Institute.

BANGALORE,
Dated 31st March 1926.

STATEMENT No. I showing particulars of vaccination in the Mysore State during the year 1925.

Serial No.	Circles and Districts	Population of District according to census of 1925	Average population per square mile	Average number of vaccinators employed throughout the season	The number of persons vaccinated			Average number of persons vaccinated by each vaccinator	Primary vaccination					Re-vaccination			Percentage of successful cases excluding unknown		Persons successfully vaccinated per 1,000 of population	Percentage of unknown cases to total cases		Average annual No. of persons successfully vaccinated during past five years		Average annual No of deaths from small pox during previous five years	
									Total	Successful			Unknown	Total	Successful	Unknown	Primary	Re-vaccination		Primary	Re-vaccination	Number	Ratio per 1,000 of population	Number	Ratio per 1,000 of population
					Males	Females	Total			Under one year	Over one and under six years	Total of all ages													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	Bangalore	788,379	...	17	11,492	9,449	20,941	1,210	20,573	4,772	12,792	18,441	624	368	62	21	92·44	17·86	23·46	3·03	5·70	16,781	21·29	456	·57
2	Kolar	668,804	...	15	10,040	8,725	18,765	1,251	18,022	3,707	10,548	15,934	915	743	107	9	96·17	14·56	23·98	5·07	1·21	13,634	20·39	380	·56
3	Tumkur	758,576	...	16	10,756	8,979	19,735	1,234	18,825	3,234	11,295	15,955	920	910	119	...	89·10	13·07	21·76	4·89	..	8,846	11·66	509	·67
4	Mysore	1,319,368	...	27	13,042	10,744	23,786	890	23,046	7,013	11,894	20,427	956	740	66	22	92·03	9·20	16·05	4·15	3·11	20,552	15·59	815	·61
5	Hassan	575,364	...	19	7,210	5,771	12,981	683	12,338	1,257	8,293	10 729	427	643	280	74	90·03	49·21	19·11	3·46	11·57	6,642	11·54	177	·30
6	Shimoga	492,560	...	19	4,983	7,498	12,481	656	12,352	1,190	5,942	9,137	1,157	129	27	35	83·30	28 72	18·89	9·43	27·13	11,928	24·21	201	·40
7	Kadur	323,331	..	15	4,977	3,729	8,706	580	8,090	906	3,889	6,973	542	616	262	117	92·37	52·50	22·38	6·79	19·00	7,292	22·55	123	·30
8	Chitaldrug	548,688	...	9	4,366	3,452	7,818	868	6,909	1,466	3,102	5,046	731	909	504	14	81·66	56·31	10·10	10·59	1·54	5,776	9·62	447	·81
	Total	5,475,870	...	137	66,866	58,347	125,213	7,362	120,155	23,547	67,785	102,822	6,272	5,058	1,427	293	90·28	21·10	19·03	5·21	5·79	90,633	16·55	3,128	·57
1	Bangalore City	118,556	...	5	2,725	2,736	5,511	1,102	5,150	3,029	1,647	4,785	53	361	82	...	93·84	22·72	40·60	1·02	...	3,779	31·88	17	·14
2	Kolar Town	13,368	...	1	280	234	514	...	473	239	135	384	49	41	10	19	90·57	45·45	2·55	0·36	46·58	296	22·16	5	·37
3	Mysore City	83,951	...	4	3,439	2,720	6,159	1,539	5,251	3,117	1,149	4,451	358	908	16	706	90·97	7·92	53·20	6·81	77·08	4,000	47·64	53	·63
4	Chikmagalur	10,207	...	1	262	225	487	...	439	137	209	344	32	48	10	13	84·52	28·57	34·71	7·39	27·08	351	34·38	1	·09
5	Hassan Town ...	8,096	...	1	285	193	468	...	349	150	152	311	28	119	4	111	47·24	50·00	38·92	8·02	93·27	203	25·07	4	·49
6	Kolar Gold Fields	87,652	...	8	11,986	10,288	22,274	1,534	4,070	2,353	746	3,009		18,204	9,098	1,766	70·30	55·40	188·00	...	9·70	6,016	68·61	13	·15
7	Tumkur Town.	14,246	...	1	515	397	912	...	684	328	249	522		228	25	...	153·70	10·97	38·41	...		654	45·93	1	·07
8	Chitaldrug Town	8,520	...	1	466	386	852	...	752	313	345	658		100	...	...	87·50	1·00	77·23	...		326	28·26	5	·58
9	Davangere	16,971	...	1	356	365	721	...	721	369	346	623	...	...	...	...	86·41	..	36·70	...		658	38·86	17	·00
10	Chikballapur	10,431	...	1	1,920	195	387	...	380	195	111	359	2	7	7	...	94·99	1·00	35·02	·52		307	23·38		
11	Chintamani	6,161	...	1	138	136	274	...	256	145	87	288	8	18	8	...	95·96	44·44	39·92	3·12		206	33·44	2	·32
12	Tiptur	4,519	...	1	179	126	305	...	262	130	52	182	...	43	3	...	68·47	6·98	40·71	...		...	...	1	·22
13	Bowringpet	5,893	...	1	208	177	385	...	314	208	64	283	11	7	43	...	93·41	6·56	55·32	3·50		260	35·05	1	·17
14	Shimoga	14,975	...	1	179	136	316	...	316	88	213	306	...	...	...	...	96·83	...	20·45	...		59	3·94	4	·26
15	Tarikere	9,234	...	1	321	268	589	...	589	124	251	530	33	...	...	...	95·33	...	57·40	5·60		804	97·09	1	·10
16	Nanjangud	7,441	...	1	138	143	281	...	277	156	263	226	...	4	...	...	81·60	...	30·39	...		...	...	4	·58
17	Channapatna	11,846	...	1	213	155	368	...	366	138	110	253	19	2	...	...	72·92	...	21·37	5·19		48	4·05	...	...
	Total	342,097	...	31	21,882	18,870	40,703	...	20,649	11,219	6,123	17,464	593	20,154	9,306	2,615	86·98	53·05	28·25	2·87	12·97	16,536	48·23	129	·37
1	Vaccine Institute	...	...	...	147	121	268	...	195	153	...	153	27	73	4	23	96·83	12·50	...	13·84	31·50	...	...	...	...
	Grand Total ...	5,817,967	...	168	88,895	77,338	166,284	...	140,899	34,919	73,858	120,439	6,892	25,285	10,797	2,931	89·79	48·03	22·38	4·88	11·59	107,169	18·4	3,257	·56

Summary to statement I showing particulars of vaccination

	Total No. of persons vaccinated		Total No. of operations performed		Percentage of successful cases in which results were known		Average No. of persons vaccinated by each vaccinator		No. of children successfully vaccinated		Ratio of successful vaccinations per 1,000 of population		Total cost of the Department	Average cost of each successful case
	Primary	Re-vaccination	Primary	Re-vaccination	Primary	Re-vaccination	Vaccinators employed	Person vaccinated by the each vaccinator	Under one year	One and under six years				
1	2	3	4	5	6	7	8	9	10	11	12		13	14
By special staff	140,804	25,212	140,804	25,212	8,980	47·12	168	7,36	34,766	73,858	5·97	12·52	Rs. a. p. 48,495 8 5	Rs. a. p. 0 5 10·9
(District and Municipal)														
By dispensary staff	4,690	348	4,690	348	9478	64·96	148	34	1,681	1,994	...	...	...	...
By other agencies if any	195	73	195	73	96·83	12·50	...	...	153	...	...	...	...	...
Total ...	145,689	25,633	145,689	25,633	90·61	49·03	316	7,396	36,600	75,852	6·29	13·03	48,495 8 5	0 5 10·9

STATEMENT No. II showing cost of the Department.

District	Establishment							Chaprasis and other servants	Expenditure				Paid from				Total	No. of all successful vaccinations and re-vaccinations	Average cost of each successful case
	Superintendent General	Superintendent of Circles	Deputy Inspectors	Native Superintendents	Vaccinators I Class	Vaccinators II Class	Vaccinators III Class		Pay of Establishment	Travelling Allowances	Contingencies	Total cash	Imperial fund	Local Fund	Municipalities	Native States			
									Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs. a. p.
Bangalore			1	..	5	5	9	1	5,683 10 8	1,732 9 11	10 10 6	7,426 15 6	...	7,184 15 1	124 0 0	...	7,426 15 1	18,756	0 6 4
Kolar			1	..	4	4	8	.	4,560 0 0	1,080 0 0	...	5,640 0 0	...	5,640 0 0	...	...	5,640 0 0	17,373	0 5 2·3
Tumkur			1	...	6	4	6		1,387 11 11	462 2 0	90 8 8	1,940 6 4	1,940 6 7	...	...	...	1,940 6 7	16,069	0 1 5·5
Mysore			1	...	2	4	22	1	8,318 4 11	2,753 0 3	39 9 0	11,110 14 2	11,110 14 2	...	...	...	11,110 14 2	20,756	0 8 6·7
Hassan			1	...	2	5	11	.	4,860 0 0	1,159 4 0	468 4 7	6,487 8 7	...	6,487 8 7	...	...	6,487 8 7	11,009	0 9 5·1
Shimoga			1	...	3	3	14	1	1,534 8 0	426 8 3	46 8 9	2,007 9 0	1,414 8 0	120 0 0	...	...	2,007 9 0	9,863	0 3 3·0
Kadur			1	...	2	3	11	.	...	...	...	5,301 9 0	1,786 6 0	3,303 3 0	638 0 0	...	5,301 9 0	9,782	0 8 7·8
Chitaldrug			1	...	...	3	6	.	2,539 3 10	170 0 0	18 9 7	2,727 13 5	...	2,727 13 5	...	...	2,727 13 5	6,022	0 7 2·9
Total	...	...	8	...	24	31	87	3	28,883 7 4	7,783 8 5	674 3 1	42,632 11 7	16,252 2 9	25,463 8 1	762 0 0	...	42,632 11 10	1,09,630	0 6 2·6
Bangalore City	1	6	...	...	1	1	2		1,080 0 0		721 12 11	1,801 12 11			1,801 12 11	...	1,801 12 11	5,024	0 5 8·8
Kolar Town	...	...	...	...	...	...	4		960 0 0		...	960 0 0			960 0 0	...	960 0 0	...	2 6 11·8
Mysore	1	..	...	...	1	2	1		1,074 5 0		853 11 4	1,928 0 4			...	...	1,928 0 4	4,586	0 6 8·7
Chikmagalur	..	...	...	...	...	...	...		...		...	426 0 0			...	...	426 0 0	...	1 3 3
Hassan	1	...	...	..	..	1	...		324 8 0		38 7 4	362 15 4			362 15 4	...	362 15 4	315	1 2 5·2
Kolar Gold Fields	1	...	...	.	...	...	...		384 0 0		...	384 0 0			384 0 0	...	384 0 0	12,457	0 0 5·9
Total	4	6	...	..	2	4	7	..	3,822 13 0		1,613 15 7	5,862 12 7	...	...	3,508 12 3	...	5,862 12 7	22,382	0 4 2 2
Vaccine Institute	...	...	.	...	...	...	...	...	...			...	...	...	...	...	...	...	...
Grand Total	4	6	8	...	28	35	94	3	32,706 4 4	7,783 8 5	2,288 2 8	4,849 8 2	16,252 2 9	25,463 8 1	4,270 12 3	...	48,495 8 5	1,32,012	0 5 10·4

STATEMENT III showing the Dispensary Vaccination in the Mysore State during the year 1925.

Number	District	Number of dispensaries in each district to which a Vaccinator is attached	Average No. of Vaccinators attached to the dispensaries during the year	Total number of persons Vaccinated	Average number of persons vaccinated by each vaccinator	Primary and Secondary Vaccination					Re-vaccination			Percentage of successful cases excluding unknown		Percentage of unknown cases to total cases		Remarks
						Total	Successful			Unknown	Total	Successful	Unknown	Primary and Secondary	Re-vaccination	Primary and Secondary Vaccination	Re-vaccination	
							Under one year	Over one and under six years	Total of all ages									
1	Bangalore District	21	21	931	44·33	852	454	257	752	66	79	45	23	95·67	80·35	7·74	29·11	
2	Kolar do	16	16	827	51·68	773	267	328	627	100	54	25	26	91·67	89·28	12·93	48·14	
3	Tumkur do	15	15	743	49·53	719	208	339	594	27	24	11	1	85·83	47·82	3·75	4·16	
4	Mysore do	29	29	1,178	40·6	1,110	374	501	961	146	68	20	14	99·69	37·03	13·06	20·58	
5	Hassan do	13	13	330	25·3	287	67	134	250	20	43	31	4	93·63	79·48	6·96	9·30	
6	Shimoga do	21	21	228	10·8	195	55	75	173	..	33	27	..	88·71	81·81	...	..	
7	Kadur do	21	21	88	4·1	86	11	42	81	2	2	2	..	96·42	00·00	2·32	...	
8	Chitaldrug do	12	12	713	59·4	668	245	318	620	48	45	4	26	100·00	21·05	7·33	57·77	
	Total	148	148	5,038	34·0	4,690	1,681	1,994	4,058	409	348	165	94	94·78	64·96	85·07	27·01	

COMPARATIVE STATEMENT No. IV showing the number of person primarily vaccinated and the number of those who were successfully vaccinated in each of the undermentioned official years.

Establishment	Persons primarily vaccinated																			
	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated
	Years ended 31st December.																			
	1916		1917		1918		1919		1920		1921		1922		1923		1924		1925	
Government	6,314	61,751	64,551	60,355	66,817	61,697	108,940	88,154	101,124	86,986	95,759	82,860	83,432	74,875	115,462	105,763	108,305	105,429	120,350	102,975
Municipal	14,649	13,362	16,331	14,567	23,542	18,304	19,656	16,879	13,997	11,595	15,472	12,814	16,713	14,779	17,936	15,697	21,533	14,811	20,649	17,464
Local Funds	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Native States	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dispensaries	9,678	8,421	10,020	7,328	11,322	9,255	14,084	1,198	9,108	6,647	5,937	4,864	5,361	4 662	5,521	4,804	5,263	4,509	4,690	4,058
Army	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
European ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Native ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	90,641	83,534	90,902	84,246	110,681	89,256	142,630	116,131	124,029	105.228	117,198	100,538	105,506	19,298	139,331	126,584	135,101	124,749	145,689	124,497

STATEMENT V showing the particulars of vaccination verified by the Chief Sanitary Inspectors for the year 1925.

Serial No.	District	Total number of persons vaccinated in the district	Total number inspected	Total number found correctly reported	Percentage of cases found correctly to total number inspected
1	Bangalore ...	20,941	6,207	5,552	185·35
2	Kolar	18,765	594	580	97·67
3	Tumkur	19,735	4,456	4,226	94·7
4	Mysore	23,786	1,163	1,028	88·39
5	Hassan	12,481	4,875	2,238	805·51
6	Shimoga	8,706	331	301	90·93
7	Kadur	7,818	858	684	79·72
8	Chitaldrug ...				
	Total ...	1,25,213	19,133	15,313	80·03

STATEMENT VI showing the vaccination inspections by the Chief Sanitary Inspectors for the year 1925.

Serial No.	District	Total Number inspected	Number bearing successful marks of vaccination	Number of unprotected cases	Number bearing small-pox marks	Percentage of		
						Successful to total number inspected	Unprotected cases to total number inspected	Number of small-pox cases to total number inspected
1	Bangalore ...	8,328	4,949	1,432	1,947	59·42	17·20	23·38
2	Kolar ...	1,166	1,024	47	95	87·80	4·03	8·14
3	Tumkur ...	10,864	8,896	1,260	708	81·90	11·60	6·52
4	Mysore ...	6,385	2,711	1,224	2,450	42·47	19·18	38·39
5	Hassan ...	1,937	1,243	135	759	64·19	8·77	11·90
6	Shimoga ...	5,763	3,726	887	1,150	64·66	15·39	19·91
7	Kadur ...	1,076	516	249	311	47·94	23·14	28·90
8	Chitaldrug ...	2,686	1,806	523	365	67·49	19·47	13·59
	Total ...	38,205	24,873	5,737	7,785	65·10	15·01	20·37

W D 2475—GPB—250—15-11-26.